

Date: Thu, 5 Aug 93 04:30:26 PDT  
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>  
Errors-To: Ham-Digital-Errors@UCSD.Edu  
Reply-To: Ham-Digital@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Digital Digest V93 #2  
To: Ham-Digital

Ham-Digital Digest                      Thu, 5 Aug 93                      Volume 93 : Issue                      2

Today's Topics:

Automatic Packet Reporting System  
have baycom but have bad diskette  
Internet <==> Packet (Mail & Files)  
oking for gateway (2 msgs)  
problems with BacPac modem and software  
Small TNC?

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>  
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Wed, 4 Aug 93 16:13:04 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
darwin.sura.net!aplcn.apl.jhu.edu!ddsd2.jhuapl.edu!jeg@network.ucsd.edu  
Subject: Automatic Packet Reporting System  
To: ham-digital@ucsd.edu

In <23movf\$ot6@male.EBay.Sun.COM> raymonda@uranium.EBay.Sun.COM (Ray Anderson)  
writes:

> There have been a couple articles over the past 2 months in QST  
>that concerned the Automatic Packet Reporting System. The APRS allows one  
>to connect the NMEA-0183 output of a LORAN-C or GPS receiver to a packet  
>system such that the location of the packet station is constantly reported  
>to a remote location where the location is displayed in real-time on a map.

> The article (don't have the reference handy at the moment) gave a  
>name and address to obtain the software (shareware). It also stated that it

>was available on several non-specified BBS systems. Does anyone know if it  
>is available via FTP on the net? I've checked most of the FTP servers that  
>carry HAM related info that I know about, but so far haven't found it.

> Thanks,  
> Ray WB6TPU

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>-- opinions expressed are mine alone and not those of my employer--  
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>    \\ \\ /  
>    / \\ / /     Raymond E. Anderson  
>    / /   \\//\     Signal Integrity Engineer  
>    \\//\   / /     Sun Microsystems  
>    / /   /\ /     2550 Garcia Ave. MS MIL04-16  
>    /    \\ \  
>    \\    \\ \  
>    \\/  
>           (408) 276-5224  
>           (408) 263-9512 fax  
>           raymond.anderson@Sun.Com

Greetings Ray,

I have uploaded APRS to two sites on the net:

ucsd.edu, don't know if its been posted yet.

rahul.net /pub/davidj/radio directory, file name: aprs114.zip and is avail. for  
anonymous ftp.

73, John kd3wy

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Date: 5 Aug 93 04:17:52 GMT  
From: ogicse!uwm.edu!spool.mu.edu!torn!newshost.uwo.ca!home-pc1.business.uwo.ca!  
MARK@network.ucsd.edu  
Subject: have baycom but have bad diskette  
To: ham-digital@ucsd.edu

I recently picked up a baycom tnc. The disk is screwed. Instead of myself  
tracking down a replacement, is there someplace that I can grab files via

ftp?

=====  
Mark Bramwell, VE3PZR                      Located in sunny London, Ontario

Internet: Mark@ARDSLEY.business.uwo.ca   IP Address: 129.100.22.33  
Packet: VE3PZR @ VE3GYQ                      UWO Phone: (519) 661-3714

-----  
Date: Wed, 4 Aug 1993 21:35:24 GMT  
From: news.cerf.net!pagesat!ukma!nx58.mik.uky.edu!johnr@network.ucsd.edu  
Subject: Internet <=> Packet (Mail & Files)  
To: ham-digital@ucsd.edu

I have heard that there are several internet to packet mail gateways, however when I was reading the threads about the McGill FTP site some dude said that there was lots of that type stuff on packet. So how would a non-TNC-owning person like myself get access to this. Also, if anyone knows how to do the mail gateway thing I would appreciate them telling me.

Thanks,  
Your Pal,  
John

--  
-+= John S. Roberts, Jr.      Work: (606) 257-2275      Home: 272-1417    +==  
-+= McVey Hall Room 100      FAX/Data/Voice Mail: 272-7105                      +==  
-+= University of Kentucky    Telnet: love.slip.uky.edu login: guest    +==  
-+= johnr@f1.facts.uky.edu    Ham: KD4UBM    Dod: 727 '85 Shadow 500cc    +==

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Date: Wed, 4 Aug 1993 20:09:51 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!linus!linus.mitre.org!mwvm.mitre.org!  
M16616@network.ucsd.edu  
Subject: oking for gateway  
To: ham-digital@ucsd.edu

Good question. I haven't seen anythng SPECIFIC about HAM RADIO PACKET to/from the INTERNET yet. (i.e. what hardware, software, success/failure stories, other techinca details)

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Date: 5 Aug 1993 07:58:54 GMT  
From: pipex!zaphod.crihan.fr!vishnu.jussieu.fr!univ-lyon1.fr!cismhp.univ-lyon1.fr!  
cerdini@uunet.uu.net

Subject: oking for gateway  
To: ham-digital@ucsd.edu

M16616@mwvm.mitre.org wrote:

: Good question. I haven't seen anythng SPECIFIC about HAM RADIO PACKET to/from  
: the INTERNET yet. (i.e. what hardware, software, success/failure stories, other  
: techincal details)

If it can help you, I have an old file which explain the use of a gateway  
between Internet and Packet Radio :

o /  
---x----- cut here -----  
o \

From: david@stat.com (David Dodell)  
Newsgroups: rec.radio.amateur.packet  
Subject: Re: Packet <=> Internet Gateways  
Date: Sun, 11 Jul 93 09:10:22 MST  
Distribution: world  
Organization: Stat Gateway Service, WB7TPY

djk@crash.cts.com (Daniel J. Karnes) writes:

How to Use the WB7TPY  
Packet <-> Internet Gateway

First, some brief operational notes:

- (1) Messages must not contain any foul language, or commercial purpose.
- (2) Messages can only be sent to countries that the United States has  
a third-party agreement. All others will be destroyed.
- (3) Messages from the internet should be less then 5K in length.  
No files should be sent.
- (4) If you have questions, please do not hesitate to contact me either on  
packet radio: WB7TPY@WB7TPY.AZ.USA.NA                -or-  
Internet        : david@stat.com                       -or-  
Fidonet        : David Dodell @ 1:114/15
- (5) Have fun. Use the gateway as much as you like. That is what it is  
there for.

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From Internet to Packet  
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Send mail to the internet address of:

gate@wb7tpy.ampr.org

The first line of text must contain a full packet address, preceded with the word "Packet:"

For example, mail to my packet address, would have the first line of text;

Packet: wb7tpy@wb7tpy.az.usa.na

-----  
From Packet to Internet  
-----

Send as private mail (never a bulletin) to the packet address of:

gate@wb7tpy.az.usa.na

The first line of text must contain a full domained internet address, proceeded with the word "Internet:"

For example, mail to my internet address, would have the first line of text;

Internet: david@stat.com

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Internet: david@stat.com                      FAX: +1 (602) 451-6135  
Bitnet: ATW1H@ASUACAD                      FidoNet=> 1:114/15  
Amateur Packet ax25: wb7tpy@wb7tpy.az.usa.na  
  
o /  
---x----- cut here -----  
o \

--  
Michel CERDINI BP5574 69247 Lyon Cedex 05 | E-Mail    cerdini@cism.univ-lyon1.fr  
BBS/RTC Videotex ZENITH (8 acces) 24h/24 | AX25      F1ITS@FF2LY.FRHA.FRA.EU  
Minitel: 7836.1996 - V32b/V42b: 7836.1001 | AmprNet F1ITS.AMPR.ORG [44.151.69.10]

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Date: Wed, 4 Aug 93 19:45:35 GMT  
From: swrinde!cs.utexas.edu!math.ohio-state.edu!sol.ctr.columbia.edu!news.kei.com!  
ub!galileo.cc.rochester.edu!uhura.cc.rochester.edu!ddrk\_ltd@network.ucsd.edu  
Subject: problems with BacPac modem and software

To: ham-digital@ucsd.edu

I have a BayPac modem that works fine with the testing software that comes with it, but doesn't transmit when used with a terminal program like baycom 1.4, 1.5. In baycom, i think it receives fine (in my area I can't receive any packet, yet) but when there is noise, the indicator on the left hand side goes from QRV to RECV, but when I set the program to :beacon 1, on screen it transmits, but my radio's xmit lite doesn't light up. Is it a software problem? What can I do?  
Please help soon!

Thanks in advance,

Dave, N2RQU

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David J Dorkin, N2RQU

Voice: (516)239-2959

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Date: Wed, 04 Aug 1993 16:40:28 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!library.ucla.edu!news.mic.ucla.edu!  
unixg.ubc.ca!acs.ucalgary.ca!smith!trond@network.ucsd.edu  
Subject: Small TNC?  
To: ham-digital@ucsd.edu

(I posted this to .packet, but maybe this is a better place...:)

Hi

I would like to go portable on packet and now I wonder what is the (physically) smallest TNC available? I will only need to be active on vhf/uhf. Power consumption is also an important factor.  
It seems to me that a tnc could be made extremely small...

I have not been looking in mags/brochures for years, so I have lost touch with what the state of the art is. :-)

73

Trond

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Institute for Space Research	Public PGP	"It is Finished" -God, approx. 32AD
University of Calgary	key soon	"Shut up and Stop Whining" Calvin 6/6
LA10EA/VE6NOR	available	Opinions are mine, not my employer's,
trond@phys.ucalgary.ca	via finger	and may change without notice. Uffda.

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Institute for Space Research	Public PGP	"It is Finished" -God, approx. 32AD
University of Calgary	key soon	"Shut up and Stop Whining" Calvin 6/6
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End of Ham-Digital Digest V93 #2

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